

Translation

PATENT COOPERATION TREATY

PCT/RU2003/000118



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/RU2003/000118	International filing date (day/month/year) 25 March 2003 (25.03.2003)	Priority date (day/month/year) 28 November 2002 (28.11.2002)
International Patent Classification (IPC) or national classification and IPC B65B 25/14		
Applicant BOGATYREV, Alexei Borisovich		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 4 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 06 April 2004 (06.04.2004)	Date of completion of this report 07 February 2005 (07.02.2005)
Name and mailing address of the IPEA/RU	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/RU2003/000118

I. Basis of the report

1. With regard to the elements of the international application:*

☒ the international application as originally filed

☐ the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

☐ the claims:

pages _____, as originally filed

pages _____, as amended (together with any statement under Article 19

pages _____, filed with the demand

pages _____, filed with the letter of _____

☐ the drawings:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

☐ the sequence listing part of the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

☐ the language of publication of the international application (under Rule 48.3(b)).

☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

said stack, and is provided with a device for sensing the position of the stack of banknotes, connected to the mechanism for displacement of the element with a collecting unit, the element for placing the stack of banknotes and the container with packing material in the form of bands of tape are installed relative to one another on the frame in such a way that a stack of banknotes, after deformation thereof, is inserted into a band fed from the container.

Therefore, the invention according to independent claim 1 and dependent claim 2 meets the requirement of novelty.

Said distinguishing features are not known and not obvious from the prior art (D2-D4), and ensure that a stack of banknotes can be wrapped efficiently using a pre-prepared band of packing material whose dimensions correspond to the dimensions of the stack, as a result of which the stack of banknotes is enveloped tightly by the band of packing material, the wrapping process itself being extremely simple, and wrapping time reduced to a minimum. Therefore claims 1-2 meet the requirement of inventive step.

Claims 1-2 are industrially applicable.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

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V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1.	Statement			
	Novelty (N)	Claims	1-2	YES
		Claims		NO
	Inventive step (IS)	Claims	1-2	YES
		Claims		NO
	Industrial applicability (IA)	Claims	1-2	YES
		Claims		NO

2. Citations and explanations

Reference is made to the following documents:

D1: RU 2 166 466 C1

D2: RU 2 123 462 C1

D3: GB 1 312 783 A

D4: DE 2 818 463 A1

D2-D4 describe the background art for this problem.

The prior art closest to the invention characterised in independent claim 1 is the device disclosed in D1 for wrapping stacks of banknotes, comprising a frame, a container with packing material, a method for feeding the packing material, and an element for positioning a stack of banknotes.

The device according to claim 1 differs from the disclosure of D1 in that the container with packing material is in the form of a box-like structure, the packing material is in the form of bands of tape, flattened and folded into a stack inside the container, the device for feeding the packing material is in the form of an element with a collecting unit provided with a mechanism for displacement thereof, the element for positioning the stack of banknotes is able to distort the stack of banknotes relative to the longitudinal axis of